EP757 Digital DLP (DDR) Projector

Optoma

Bright, Small, Quiet

EP757 Projector

Brighter, lighter and with better video quality - this Optoma business projector packs more performance into a smaller box than ever before.

Optoma's know how and Texas Instruments Digital Light Processing Technology™ have been combined with stunning results. Brightness levels of 2300 ANSI Lumens make this projector the brightest in its class. Together with a staggering 2000:1 Contrast ratio and XGA resolution this exceptional brightness enables explosive presentations to be delivered, whatever the light conditions.

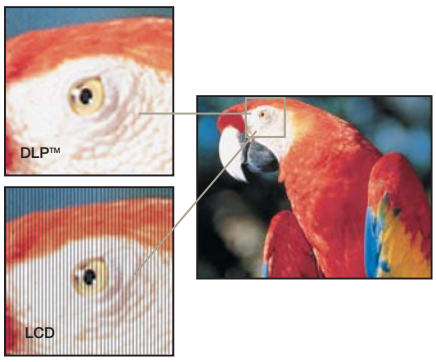
Weighing only 2.9Kg (6.6lbs) and with noise levels of less than 32dB this projector is easily portable and unobtrusive - allowing your audience to focus exclusively on your presentation.

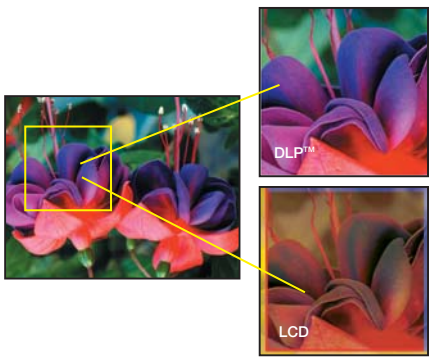
With Optoma having considerable experience in DLP™ Business Projection and the advances in DLP DDR Technology our business products can be taken home and used as the heart of your Home Cinema viewing, with outstanding video for a great movie experience.

Optoma EP757
2000:1 Contrast Ratio

Ordinary LCD Projector
500:1 Contrast

The Advantages of DLP™





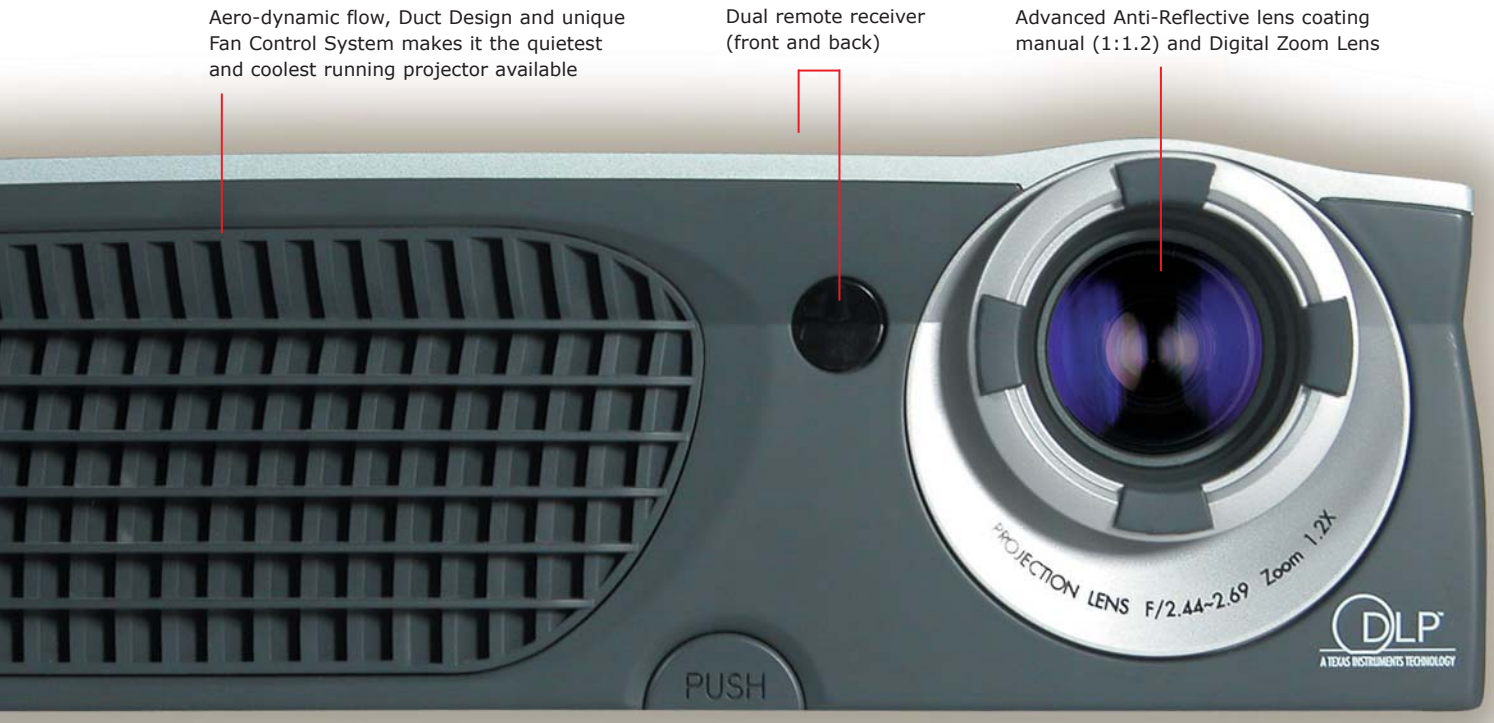
DLP™
1 element =1 pixel
No misalignment, sharp

LCD
3 elements =1 pixel
Misalignment, blurry

DLP technology has a very small space between pixels resulting in a very high fill ratio of up to 90%. This produces a very smooth, sharp film-like image compared to grainier LCD images that only have a fill ratio of up to 70%

PICTURE BY DLP™ A TEXAS INSTRUMENTS TECHNOLOGY

Powered with DLP™ technology by Texas Instruments, our projectors give you crystal clear images with sharper quality



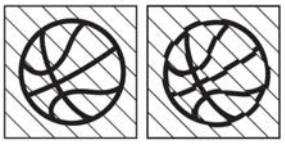
Shown actual size

Image processing

Progressive processing by Silicon Image -

The highly acclaimed DVDO Silicon Image Si504 progressive chip (Line-Doubler) provides Videophile grade Motion Adaptive De-Interlacing and Reversed 2/3-2 Pull Down for exceptional video quality.

PureProgressive™ Silicon Image



DVDO Pure Progressive™ Technology brought to you by Silicon Image, Inc.

Digital Image processing -

Intelligent image optimisation, Keystone adjustment and scaling provided by industry leading Pixelworks Technology.

Input signal memory -

Each input signal type has its own memory enabling perfect fine tuning and matching of video sources.

Light Engine

Texas Instruments, DLP™, 12°, Double Data Rate, Digital Mirror Device -

The most advanced XGA DLP chip currently available. The 12° tilt combined with 'Dark Metal' technology enables the 2000:1 contrast ratio. Double Data Rate processing ensures exceptional image quality.

European Optimised Widescreen

The EP757 is optimised for Widescreen (16:9) viewing of European DVD and TV (PAL and SECAM). A special Native mode ensures that the 576 line resolution of the source is exactly matched, pixel by pixel, to the 576 vertical resolution of the projector. Exact matching to PAL and European widescreen resolution avoids reducing detail and scaling artifacts that might blur the picture, giving you the ultimate in image quality.

Dual Mode -

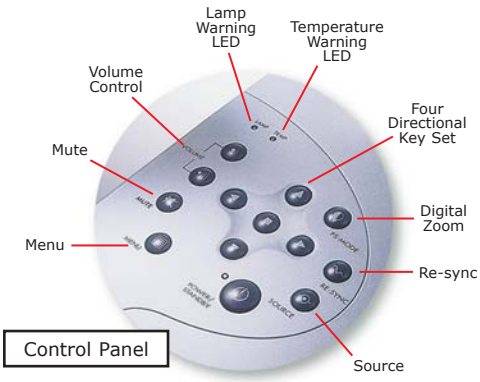
Equally at home displaying stunning Widescreen (16:9) or Standard (4:3) aspect ratio material for viewing Computer Images, DVD, TV or Games Consoles.

EP757

Specifications

Display Resolution	Digital Light Processing DLP™ Technology by Texas Instruments Native XGA (1,024 x 768), SXGA (1,280 x 1,024) compressed
Computer Compatibility	SXGA, XGA, SVGA, VGA
Video Compatibility	480i/p, 576i/p, 525, 720p, 1080i PAL, PAL-M, PAL-N, SECAM, NTSC, NTSC4.43, HDTV
Aspect Ratio	4:3/16.9
Contrast Ratio (Peak)	2000:1
Displayable Colours	16.7 Million Colours
Brightness (Peak)	2300 ANSI Lumens
Projection Lens	Throw ratio 2.0-2.4, 1:1.2 Manual Zoom and Manual Focus
Projection Screen Size	23”-246” Diagonal
Projection Distance	1.14m (3.7”) ~ 10.0m (32.8”)
Horizontal Scan	15 ~ 100khz
Vertical Refresh Scan	43 ~ 120Hz
Lamp Type	250w User Replacement UHP Lamp
Lamp Life (Typical)	2,000 Hours
Keystone Correction	+ / - 16 Degrees
Audio	2 Internal Speakers, each with 3 Watts Output
Weight	2.9 kgs (6.4lbs)
Dimension (WxDxH)	10.9 x 8.9 x 3.3 inches (277 x 225 x 85mm)
Remote Mouse Control	Remote Control with Mouse Function & Laser Pointer
Power Supply	AC input 100-240v, 50-60 Hz
Power Consumption	360 Watts
Operation Temperature	-5°C ~ 35°C / 41°F ~ 95°F
Noise Level (Peak)	32 dB in Normal Operation
Uniformity	90%
PC I/O Input:	1 HDB 15-pin D-SUB (Component Video/HDTV Input Port) 1 DVI Connector 1 Audio Mini-Jack (15-pin D-SUB) 1 Audio Mini-Jack (DVI)
Output:	1 Mini D-SUB 15-pin (Monitor Loop Through) 1 Audio Mini-Jack (Monitor Loop Through)
Video I/O Input:	1 Mini DIN (S-Video Input Connector) 1 RCA Jack (Composite Video Input Connector) 1 Audio Mini-Jack (S-Video/Composite Video)
Remote Mouse I/O	1 Remote Mouse Port
Communication I/O	1 RS-232
Warranty	Three (3) Years Limited Warranty, Parts and Labour; 90 Days on Lamps
Standard Accessories	AC Power Cord (1.8m) 15 Pin VGA Signal Cable (1.8m) S-Video Signal Cable (1.8m) Audio Cable Jack /RCA Composite Video Cable (1.8m) D-15 to DVI Cable (1.8m) Remote Mouse Y Cable RS232 Cable Wireless Remote Control User’s Guide Quick Start Card Warranty Card Soft Carrying Bag Battery AA Type x 2 (for remote control) Lens Cap
Optional Accessories	D-15 to RCA cable for HDTV/Component 1 x 30Pin-DVI Signal DVI to DVI Cable (1.8m) Scart Adaptor for Europe only

Remote Mouse



Control Panel

Onboard I/O Ports

- Dual Mini-Jack Audio Inputs
- RS232 for ext. control device
- Audio Input from TV/VCR/DVD
- Composite Video Input
- Computer DVI Input
- Dsub15 Input for Analogue Computer & Component Video Input
- Mini-Jack Audio Output
- Monitor Loop Through
- Mouse Port

Throw Distance

Projection Distance	Diagonal Image Size (Max.)	Diagonal Image Size (Min.)
1.14m	0.713m	0.594m
2.0m	1.250m	1.042m
3.0m	1.875m	1.563m
4.0m	2.5m	2.083m
5.0m	3.125m	2.604m
6.0m	3.75m	3.125m
7.0m	4.375m	3.646m
8	5.0m	4.167m
9.0m	5.625m	4.688m
10.0m	6.25m	5.208m